

ENERGY CORPS AMERICORPS MEMBER POSITION DESCRIPTION

Name and location of host site: National Center for Appropriate Technology, Butte, MT.

Title: Farm Energy Educator

Reports to: Energy Corps Program Director

Term of service: October 1, 2019 - August 28, 2020

Anticipated service schedule: 1700 hours over course of service term. Roughly 40 hours per week. Occasional evening/weekend hours may be necessary.

Position Summary: NCAT's mission is to champion small-scale, local, and sustainable solutions that reduce poverty, promote healthy communities, and protect natural resources. One of NCAT's on-site demonstration projects is the Small-Scale Intensive Farm Training, or SIFT Farm. The farm is an educational model for people of all ages to learn how foods grow, how to raise ecologically sound crops without chemical fertilizers, herbicides and pesticides, and how to keep farmland healthy for generations to come. Among its many vegetable plots and chickens, the farm also features five hoop houses, two greenhouses and a drip irrigation system. The Energy Corps member will conduct research on these features and identify ways in which they can become more energy efficient and offer the SIFT Farm better energy functionality. The Energy Corps member will also work with the Sustainable Agriculture Project Coordinator to identify resources and opportunities for the SIFT Farm to expand its use of energy efficient technology.

Specific Position Responsibilities:

- Develop farm energy education materials and update NCAT farm energy publications with progress and developments in relevant areas to date
- Participate in farm irrigation energy audits and synthesize that knowledge into beginning trainings for energy services professionals
- Research efficient greenhouse design and devise a plan for the current SIFT Farm hoop houses to become more efficient and better able to handle the local climate's large swings in temperature
- Research federal grant opportunities and work with the Sustainable Agriculture Project Coordinator to prescribe if those resources are applicable to the SIFT Farm
- Present findings on small-scale farm energy efficiency and opportunities to community, agricultural, and gardening groups and assess audience to determine further training and knowledge sharing needs

Minimum Requirements:

- Must have a background in energy efficiency. Knowledge of irrigation systems, energy audits, and mechanical components preferred
- Ability to work independently with limited supervision
- Must be over 18 with a high school diploma or GED; some college or work experience preferred
- Ability to work as part of a team and individually
- Ability to relate to people from diverse backgrounds
- Good organization and communication skills, presents self in a professional manner, and is outgoing and personable
- Experienced public speaker and excellent writing skills
- Familiarity with Microsoft Office Suite
- Background and/or interest in energy, agriculture and community development issues
- Member **will not** have reoccurring access to vulnerable populations

Benefits: This Energy Corps position will receive the following benefits:

- Opportunity to make a difference in a community
- Green job training and professional development
- Living allowance of \$13,992 over term of service
- An AmeriCorps Education Award of \$6,095 upon successful completion of service
- Health benefits and child care assistance if qualified

APPLICATION PROCESS: Applications will be accepted until a suitable candidate can be identified. Early applications are encouraged and applications will be considered as they are received. All persons interested in being considered for the position must create an AmeriCorps account and apply. You can create an account and explore AmeriCorps opportunities at: <https://my.americorps.gov/mp/login.do>

NCAT values diversity and encourages minority and women applicants to apply. For additional information about NCAT please visit our website at www.ncat.org. It is NCAT's policy and organizational philosophy to ensure that all of our employment practices, including recruitment and hiring, are administered for all individuals without regard to race, sex, creed, color, national origin, age, religion, marital or veteran status, disability, sexual orientation, or political affiliation.